Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Mouse IL-10 mAb

Catalog No.: RM17935

Basic Information

Catalog No.
RM17935

Catagory
Elisa Antibody Kit

Application
ELISA,Multiplex

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level
/

Storage
Store at -20℃
Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2 μm filtered solution in PBS with 0.05% Proclin 300, pH 7.4.

Contact

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Background

This gene encodes an anti-inflammatory cytokine that is a member of the class-2 cytokine family. The encoded protein is secreted by cells of both the innate and adaptive immune systems and is crucial for limiting the immune response to a broad range of pathogens. It also has been shown to suppress autoimmune responses. This protein mediates it's immunosuppressive signal through a specific interleukin 10 receptor complex. Aberrant functioning of this gene is associated with numerous immune disorders including graft-versus-host disease, and increased susceptibility to HIV-1 infection and rheumatoid arthritis.

Immunogen Information

Immunogen
Recombinant Mouse IL-10

Cross-Reactivity

No cross-reactivity in immunoassay with recombinant
Mouse IFN-γ, Mouse IFN-β, Mouse IL-20, Mouse IL-22, Mouse IL-24 and Human IL-10.
Cross-reactivity was found with Rat IL-10.

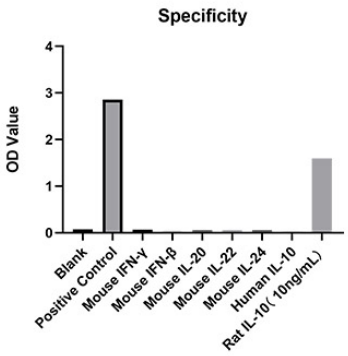
Assay Applications

Mouse IL-10 Sandwich Immunoassay

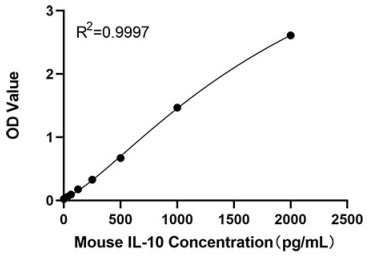
		Recommended Concentration	Sample
ELISA	Capture	0.5-2 μg/mL	Rabbit anti-Mouse IL-10 mAb (Cat. No. RM17935)
	Detection	0.015-0.06 μg/mL	Rabbit anti-Mouse IL-10 mAb (Cat. No. RM17936)
	Standard	31.25-2000 pg/mL	Recombinant Mouse IL-10 Protein (Cat. No. RP01465)

Multiplex	Capture	0.1-5 μg/mL	Rabbit anti-Mouse IL-10 mAb (Cat. No. RM17935)
	Detection	0.5-2 μg/mL	Rabbit anti-Mouse IL-10 mAb (Cat. No. RMK0423)
	Standard	6.86-5000 pg/mL	Recombinant Mouse IL-10 Protein (Cat. No. RP01465)

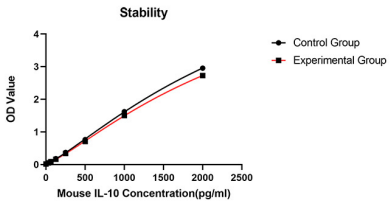
Validation Data



No significant cross-reactivity or interference was observed.



This standard curve is only for demonstration purposes. A standard curve should be generated for eachassay.



Placed at 37°C for 3 days, the stability of the standard curve all conformto CV <10%.